Compact EK Series Enclosures are designed to house and protect standard IEC components, such as DIN rail mount circuit breakers, switches, meters and other control devices.

The unique cover design features a shrouded cut out and transparent hinged doors, for quick access and visibility. The shrouded cut out, spanning the width of the cover, exposes mounted components for easy adjustment and isolates wiring for increased safety. The transparent hinged doors have push release latches and can be optionally equipped with a tamper seal.

- UL Listed
- Direct mount
- Small to medium size
- Polycarbonate base and cover
- Integral seals
- Dust and moisture proof
- IP65 protection
- High mechanical strength
- Corrosion and maintenance free
- Halogen free
The EK Series features compact dimensions for space-efficient installation, while offering sufficient connection space for a secure wiring job.

The transparent doors make for an ideal display of timers, LEDs, circuit breakers, and other DIN rail mount devices. Access to components is quick and easy.
EK002 – Polycarbonate – 130 x 94 mm (5.12 x 3.70 in.)

Standard Features
- Protection Level: IP65 - Nema Type 4x
- Technical:
  - Fits 2 Circuit Breaker Poles
  - (3 if side pieces are removed)
  - Smooth Sidewalls
  - Tinted Transparent Door
- Enclosure Material: Polycarbonate
- Door Material: Polycarbonate
- Gasket Material: Polyurethane
- Material Temperature Range: -40°C to 120°C (-40°F to 248°F)
- Color: Light Gray
- Included Accessories:
  - 35mm DIN Rail
  - Label Strip
- Accessories: See section below

<table>
<thead>
<tr>
<th>EK</th>
<th>Ordering Information</th>
<th>Cat. No.</th>
<th>Type</th>
<th>Length (mm) (in)</th>
<th>Width (mm) (in)</th>
<th>Height (mm) (in)</th>
<th>Pk.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enclosure</td>
<td>542-502</td>
<td>EK002</td>
<td>130 mm (5.12)</td>
<td>94 mm (3.70)</td>
<td>80 mm (3.15)</td>
<td>1</td>
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</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Accessories</th>
<th>Ordering Information</th>
<th>Cat. No.</th>
<th>Type</th>
<th>Std. Pk.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal</td>
<td>X-573</td>
<td>PE/N Terminal - 3 pole (1x16 / 2x6 mm²)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Filler Strip</td>
<td>799-012</td>
<td>108 mm piece (6 divisions)</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

Please refer to pages 149-152 for additional accessories and detailed information.
EK004 – Polycarbonate – 180 x 110 mm (7.09 x 4.33 in.)

Standard Features
- Protection Level: IP65 - Nema Type 4x
- Technical:
  - Fits 4 Circuit Breaker Poles
  - Smooth Sidewalls
  - Tinted Transparent Door
- Enclosure Material: Polycarbonate
- Door Material: Polycarbonate
- Gasket Material: Polyurethane
- Temperature Range: -40°C to 120°C (-40°F to 248°F)
- Color: Light Gray
- Included Accessories:
  - 35mm DIN Rail
  - Label Strip
- Accessories: See section below

<table>
<thead>
<tr>
<th>EK</th>
<th>Ordering Information</th>
<th>Cat. No.</th>
<th>Type</th>
<th>Length</th>
<th>Dimensions mm (in)</th>
<th>Std. Pk.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Enclosure</td>
<td>542-504</td>
<td>EK004</td>
<td>180 mm (7.09 in)</td>
<td>110 mm (4.33 in)</td>
<td>110 mm (4.33 in)</td>
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</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Ordering Information</th>
<th>Cat. No.</th>
<th>Type</th>
<th>Std. Pk.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal</td>
<td>790-205</td>
<td>PE/N Terminal - 2x5 pole (2x16 / 3x6 mm²)</td>
<td>1</td>
</tr>
<tr>
<td>Filler Strip</td>
<td>799-012</td>
<td>108 mm piece (6 divisions)</td>
<td>1</td>
</tr>
</tbody>
</table>

Please refer to pages 149-152 for additional accessories and detailed information.
EK008 – Polycarbonate – 180 x 182 mm (7.09 x 7.17 in.)

Standard Features

- Protection Level: IP65 - Nema Type 4x
- Technical:
  - Fits 8 Circuit Breaker Poles
  - Smooth Sidewalls
  - Tinted Transparent Door
- Enclosure Material: Polycarbonate
- Door Material: Polycarbonate
- Gasket Material: Polyurethane
- Material Temperature Range: -40°C to 120°C (-40°F to 248°F)
- Color: Light Gray
- Included Accessories: 35mm DIN Rail, Label Strip
- Accessories: See section below

<table>
<thead>
<tr>
<th>Ordering Information</th>
<th>Cat. No.</th>
<th>Type</th>
<th>Length</th>
<th>Dimensions mm (in)</th>
<th>Std. Pk.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enclosure</td>
<td>542-508</td>
<td>EK008</td>
<td>180 mm (7.09 in)</td>
<td>Width 182 mm (7.17 in), Height 110 mm (4.33 in)</td>
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</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Ordering Information</th>
<th>Cat. No.</th>
<th>Type</th>
<th>Std. Pk.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal</td>
<td>790-207</td>
<td>PE/N Terminal - 2x7 pole (2x16 / 5x6 mm²)</td>
<td>1</td>
</tr>
<tr>
<td>Filler Strip</td>
<td>799-012</td>
<td>108 mm piece (6 divisions)</td>
<td>1</td>
</tr>
</tbody>
</table>

Please refer to pages 149-152 for additional accessories and detailed information.
EK012 – Polycarbonate – 180 x 254 mm (7.09 x 10.00 in.)

Standard Features
• Protection Level: IP65 - Nema Type 4x
• Technical:
  - Fits 12 Circuit Breaker Poles
  - Smooth Sidewalls
  - Tinted Transparent Door
• Enclosure Material: Polycarbonate
• Door Material: Polycarbonate
• Gasket Material: Polyurethane
• Material Temperature Range: -40°C to 120°C (-40°F to 248°F)
• Color: Light Gray
• Included Accessories: 35mm DIN Rail
  - Label Strip
• Accessories: See section below

**EK**

<table>
<thead>
<tr>
<th>Ordering Information</th>
<th>Cat. No.</th>
<th>Type</th>
<th>Length</th>
<th>Dimensions mm (in)</th>
<th>Std. Pk.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enclosure</td>
<td>542-512</td>
<td>EK012</td>
<td>180 mm (7.09 in)</td>
<td>Width 254 mm (10.00 in)</td>
<td>Height 110 mm (4.33 in)</td>
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</tbody>
</table>

**Accessories**

<table>
<thead>
<tr>
<th>Ordering Information</th>
<th>Cat. No.</th>
<th>Type</th>
<th>Std. Pk.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal</td>
<td>790-211</td>
<td>PE/N Terminal - 2x12 pole (2x16 / 10x6 mm²)</td>
<td>1</td>
</tr>
<tr>
<td>Filler Strip</td>
<td>799-012</td>
<td>108 mm piece (6 divisions)</td>
<td>1</td>
</tr>
</tbody>
</table>

Please refer to pages 149-152 for additional accessories and detailed information.
EK024 – Polycarbonate – 361 x 254 mm (14.21 x 10.00 in.)

Standard Features

- **Protection Level:** IP65 - Nema Type 4x
- **Technical:**
  - Fits 24 Circuit Breaker Poles (12 per section)
  - Smooth Sidewalls
  - Tinted Transparent Door
- **Enclosure Material:** Polycarbonate
- **Door Material:** Polycarbonate
- **Gasket Material:** Polyurethane
- **Material Temperature Range:** -40°C to 120°C (-40°F to 248°F)
- **Color:** Light Gray
- **Included Accessories:**
  - 2 ea. 35mm DIN Rail
  - 2 ea. Label Strips
- **Accessories:** See section below

EK

<table>
<thead>
<tr>
<th>Ordering Information</th>
<th>Cat. No.</th>
<th>Type</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Pk.</th>
</tr>
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<tbody>
<tr>
<td>Enclosure</td>
<td>542-524</td>
<td>EK024</td>
<td>361 mm (14.21 in)</td>
<td>254 mm (10.00 in)</td>
<td>110 mm (4.33 in)</td>
<td>1</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Ordering Information</th>
<th>Cat. No.</th>
<th>Type</th>
<th>Std. Pk.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal</td>
<td>X-721-02</td>
<td>PE/N Terminal - 2x17 pole (1x25 / 4x16 / 12x6 mm²)</td>
<td>1</td>
</tr>
<tr>
<td>Filler Strip</td>
<td>799-012</td>
<td>108 mm piece (6 divisions)</td>
<td>1</td>
</tr>
</tbody>
</table>

Please refer to pages 149-152 for additional accessories and detailed information.